

IN THE CLAIMS

1 Claim 40: (previously presented) A telephone call/voice processing system comprising:

2 circuitry adaptable for coupling the system to an analog telephone extension, wherein the
3 analog telephone extension includes a display operable for displaying alphanumeric information, and
4 wherein the analog telephone extension includes a first caller ID modem; VM?

5 circuitry for creating and storing a message associated with the analog telephone extension;
6 a second caller ID modem coupled to the circuitry adaptable for coupling the system to the
7 analog telephone extension;

8 circuitry for retrieving the message from the storing circuitry to the second caller ID modem;

9 circuitry for sending the message from the second caller ID modem to the first caller ID
10 modem; and

11 circuitry for displaying the message on the display,

12 wherein the message does not include a phone number and an identity of a calling party.

1 Claim 41: (original) The system as recited in claim 40, wherein retrieval and sending of the message
2 to the first caller ID modem is performed in response to receipt of an incoming call to the system
3 intended for the analog telephone extension.

1 Claim 42: (original) The system as recited in claim 41, wherein the message is sent to the first caller
2 ID modem while the analog telephone extension is being rung by the system.

Claim 43: (previously cancelled)

1 Claim 44: (original) The system as recited in claim 42, further comprising:

2 circuitry for coupling the system to a public switched telephone network; and

3 circuitry for receiving the incoming call from the public switched telephone network.

1 Claim 45: (original) The system as recited in claim 42, further comprising:

2 switching circuitry adaptable for receiving the incoming call, wherein the switching circuitry
3 is adaptable for connecting the incoming call to the analog telephone extension; and

4 voice processing circuitry adaptable for automatically interacting with the incoming call,
5 wherein the switching circuitry and the voice processing circuitry are controlled by a single processing
6 means in the system.

1 Claim 46: (original) The system as recited in claim 45, wherein the voice processing circuitry further
2 comprises a signal processing circuitry coupled to the single processing means.

1 Claim 47: (original) The system as recited in claim 46, wherein the switching circuitry further
2 comprises a digital cross-point matrix coupled to the single processing means and to the signal
3 processing circuitry.

1 Claim 48: (original) The system as recited in claim 45, wherein the single processing means is
2 controlled by a single set of software operable for controlling both the switching circuitry and the
3 voice processing circuitry.

1 Claim 49: (previously presented) In a telephone call/voice processing system, a method comprising
2 the steps of:

3 creating and storing a message associated with an analog telephone extension coupled to the
4 system, wherein the analog telephone extension includes a display operable for displaying
5 alphanumeric information, and wherein the analog telephone extension includes a first caller ID
6 modem;

7 retrieving the message to a second caller ID modem in said system; and
8 sending the message from the second caller ID modem to the first caller ID modem,
9 wherein the message does not include a phone number and an identity of a calling party.

1 Claim 50: (original) The method as recited in claim 49, further comprising the step of:
2 displaying the message on the display.

1 Claim 51: (original) The method as recited in claim 50, wherein the retrieving and sending steps are
2 performed in response to receipt of an incoming call to the system intended for the analog telephone
3 extension.

1 Claim 52: (original) The method as recited in claim 51, wherein the sending step includes [[the]] a
2 step of ringing the analog telephone extension in response to the receipt of the incoming call.

Claim 53: (previously cancelled)

1 Claim 54: (original) The method as recited in claim 52, wherein the incoming call is received from
2 a public switched telephone network coupled to the system.

1 Claim 55: (previously presented) A method comprising the steps of:
2 formulating a message that does not include one or both of a phone number and an identity
3 of a calling party; and
4 transmitting between first and second caller ID modems the message.

Claim 56: (previously cancelled)

1 Claim 57: (previously presented) The method as recited in claim 55, wherein the transmitting step
2 further comprises the steps of:

3 retrieving the message by the first caller ID modem;
4 in the first caller ID modem, converting the message into tones;
5 transmitting the tones to the second caller ID modem; and
6 in the second caller ID modem, converting the tones back into the message.

1 Claim 58: (original) The method as recited in claim 57, further comprising the steps of:

2 delivering the message from the second caller ID modem to a display circuit in a telephone
3 unit; and
4 displaying the message.

1 Claim 59: (original) The method as recited in claim 58, wherein the transmitting step is performed
2 in response to receipt of an incoming call intended for the telephone unit, and wherein the transmitting
3 step is performed in conjunction with connecting the incoming call to the telephone unit.

Claim 60: (previously cancelled)

1 Claim 61: (previously presented) A telephone call/voice processing system comprising:

2 circuitry adaptable for coupling the system to an analog telephone extension, wherein the
3 analog telephone extension includes a display operable for displaying alphanumeric information, and
4 wherein the analog telephone extension includes a first caller ID modem;

5 circuitry for creating and storing a message associated with the analog telephone extension;
6 a second caller ID modem coupled to the circuitry adaptable for coupling the system to the
7 analog telephone extension;

8 circuitry for retrieving the message from the storing circuitry to the second caller ID modem;

9 circuitry for sending the message from the second caller ID modem to the first caller ID
10 modem; and
11 circuitry for displaying the message on the display,
12 wherein the message does not include either a phone number or an identity of a calling party.

1 Claim 62: (previously presented) In a telephone call/voice processing system, a method comprising
2 the steps of:

3 creating and storing a message associated with an analog telephone extension coupled to the
4 system, wherein the analog telephone extension includes a display operable for displaying
5 alphanumeric information, and wherein the analog telephone extension includes a first caller ID
6 modem;
7 retrieving the message to a second caller ID modem in said system; and
8 sending the message from the second caller ID modem to the first caller ID modem,
9 wherein the message does not include either a phone number or an identity of a calling party.